Index of Claims

| Application/Control No |
|------------------------|
|------------------------|

10/033,175

Examiner

Devesh Khare

Applicant(s)/Patent under Reexamination

SEEBERGER ET AL.
Art Unit

1623

| <b>√</b> | Rejected |
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| =        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| Ļ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |
|---|----------|
| o | Objected |

| Claim Date                                       |          |   |                |   | Claim Date   |              |              |          |                    | ]!!!!        | Claim Date |          |                     |          |                    |                         |   |  |             |          |          |            |                 |          |          |          |          |          |          |  |          |
|--|----------|---|----------------|---|--------------|--------------|--------------|----------|--------------------|--------------|------------|----------|---------------------|----------|--------------------|-------------------------|---|--|-------------|----------|----------|------------|-----------------|----------|----------|----------|----------|----------|----------|--|----------|
|  | =        | 12  |                |   |              |              |              |          |                    |              |            | -        |                     |          |                    |                         |   |  |             | 7        |          | al         |                 |          |          |          |          |          | T        |  | 7        |
| Final  | Original | 50/41/4   |                |   |              |              |              |          |                    |              | Final      | Original |                     |          |                    |                         |   |  |             |          | Final    | Original   |                 | ı        |          | -        | - 1      |          |          |  |          |
| ίĒ   | )<br>ji  | 7   |                |   |              |              |              |          |                    |              | 這          | Ç        |                     |          | -                  | 1                       |   |  |             |          | 证        | )<br>riç   |                 |          |          | 1        | - 1      | İ        |          |  |          |
|  | _        |   |                |   |              |              |              |          |                    |              |            |          |                     |          | ⊥                  |                         |   |  |             |          |          | U          |                 |          |          |          |          |          |          |  | ╛        |
|  | 1        | =   |                |   |              |              |              |          |                    |              |            | 51       |                     |          |                    |                         |   |  |             | ]!!!!    |          | 101        |                 |          |          |          |          |          |          |  | $\Box$   |
|  | 2        |   |                |   |              |              |              |          | <u> </u>           |              |            | 52       | Ш                   |          | ┙                  |                         |   |  |             |          |          | 102        |                 |          |          |          |          |          |          |  |          |
|  | 3        |   |                |   |              |              |              |          | <u> </u>           |              |            | 53       |                     |          |                    | $\perp$                 | ╙   | $\sqcup$   |             | _        |          | 103        | Ш               | $\perp$  |          | $\perp$  |          | $\perp$  | $\perp$  |  | ╛        |
|  | 4        | _   |                |   |              |              |              |          | <u> </u>           | _            |            | 54       |                     |          | _                  | _                       | _   | $\sqcup$   |             | 4        |          | 104        |                 | _        | _        | _        | _        | $\dashv$ | 4        | _  | ╛        |
|  | 5        | _   | $\dashv$       |   | L.           |              | _            |          | <u> </u>           | _            |            | 55       |                     | _        | 4                  | $\bot$                  |   | $\sqcup$   |             | 4        |          | 105        |                 |          |          | _        | _        | _        | $\perp$  | _  | _        |
|  | 6        | _   | $\Box$         |   | _            |              |              | <u> </u> | ╙                  | <u> </u>     |            | 56       | Ш                   | _        | 4                  | $\perp$                 | $\perp$   | $\sqcup$   |             | 4        | ļ        | 106        | Ш               | _        | _        | 4        | _        | _        | 4        | _  | 4        |
|  | 7        | <u> </u>  | Н              |   |              |              |              |          | <u> </u>           | <u> </u>     |            | 57       | Ш                   | 4        | 4                  | _                       | ļ   | $\vdash$   |             | 4        |          | 107        |                 | _        | 4        | 4        | _        | _        | 4        | _  | 4        |
|  | 8        | _   |                |   | _            |              |              | _        | <u> </u>           |              |            | 58       | $\vdash \vdash$     | $\dashv$ | +                  | _                       | +   | $\vdash \vdash$                                  | -           | -        |          | 108        | $\vdash$        | _        | _        | 4        | -        | _        | +        | _  | 4        |
| <u> </u>   | 9        | <u> </u>  | Н              |   |              | _            | -            | _        | ⊢                  | <u> </u>     |            | 59       | Н                   | _        | +                  |                         | +   | $\vdash$   | _           | 4        |          | 109        |                 | -        |          | $\dashv$ | $\dashv$ | $\dashv$ | +        | _  | 4        |
| $\vdash$   | 10       | $\vdash$  | $\vdash\vdash$ |   | ⊢            | -            | <u> </u>     |          | <del> </del>       | <del> </del> |            | 60       | $\vdash \vdash$     | $\dashv$ | +                  | +                       | +   | $\vdash \vdash$                                  | +           | -        |          | 110        | $\vdash \dashv$ | -+       |          |          | $\dashv$ | -        | +        | +  | $\dashv$ |
| $\vdash$   | 11       | -   | $\vdash$       | _ | <del> </del> | -            | -            | -        |                    | ├—           |            | 61       | $\vdash \vdash$     | $\dashv$ | +                  | +                       | ₩   | $\vdash$   | +           | -        | <u> </u> | 111        | $\vdash \vdash$ |          |          |          | -        | -        | +        | +  | $\dashv$ |
| <del>                                     </del> | 12       | -   | $\vdash$       |   |              |              | -            | -        | <del> </del>       | -            |            | 62       | $\vdash \vdash$     | $\dashv$ | +                  | +                       | +   | $\vdash$   | +           | 4        |          | 112        |                 |          | -        | -        | $\dashv$ | -        | +        | +  | $\dashv$ |
| <del></del>                                      | 13       |   |                |   |              | $\vdash$     | H            | $\vdash$ | <del> </del>       | <del> </del> |            | 63       | $\vdash \vdash$     |          | +                  | +-                      | +   |  | - -         | -        |          | 113        | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +        | +  | $\dashv$ |
| <del></del>                                      | 14<br>15 | -   |                |   | H            | H            | H            | H        | -                  | }_           |            | 64<br>65 | $\vdash$            | -+       |                    | +                       | -   | ┝╌┼╌   |             | -        | <u> </u> | 114<br>115 | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -        | +        | +  | $\dashv$ |
| <del></del>                                      | 16       | -   | -              | _ | $\vdash$     | $\vdash$     | $\vdash$     |          | $\vdash$           | $\vdash$     |            | 66       | $\vdash$            | -+       | -                  | +-                      | ┼   | <del>  -</del>                                   |             | -        |          | 116        | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +        | +  | $\dashv$ |
| $\vdash$   | 17       | -   | $\vdash$       |   | $\vdash$     | $\vdash$     | H            | Н        | 1                  | $\vdash$     |            | 67       | ⊢┤                  | -+       | +                  | +-                      | -   | ├┼-  | +           | 1        |          | 117        | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +        | +  | $\dashv$ |
|  | 18       | -   |                |   | H            | H            | $\vdash$     |          | <del>  -</del>     | $\vdash$     |            | 68       | Н                   |          |                    |                         | -   | <del>                                     </del> |             | -        |          | 118        | $\dashv$        | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +  | $\dashv$ |
|  | 19       | -   | $\vdash$       |   |              | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$           | $\vdash$     | -          | 69       |                     |          |                    | +                       | ╁   | $\vdash$   | +           | -        | ├─       | 119        | $\dashv$        | $\dashv$ | +        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +  | $\dashv$ |
|  | 20       |   |                |   | -            | $\vdash$     | -            | -        | ├                  | -            |            | 70       |                     | $\dashv$ | +                  | -                       | +   | $\vdash$   | +           | -        |          | 120        | $\vdash$        | $\dashv$ | +        | $\dashv$ | $\dashv$ | $\dashv$ | +        | +  | $\dashv$ |
| ┢  | 21       | Н   | $\vdash$       |   | ╁─           |              | $\vdash$     | $\vdash$ | ╁╴                 | ┝            |            | 71       | Н                   | $\dashv$ | +                  | +                       | ╁   | $\vdash$   | +           | -        |          | 121        | H               | $\dashv$ | +        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +  | Ⅎ        |
| $\vdash$   | 22       | -   | -              |   | Н            | -            | -            | $\vdash$ | -                  | -            |            | 72       | H                   | $\dashv$ | +                  | ╅                       | +   | H  | +           | -        |          | 122        | Н               | +        | .        | ┪        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$   | ┨        |
| 2  | 23       | Ξ   | -              |   | Н            | $\vdash$     | $\vdash$     | $\vdash$ | ╁                  | $\vdash$     |            | 73       | $\vdash$            | $\dashv$ | +                  | +-                      | +   | -  | $\dashv$    | -        |          | 123        | $\vdash$        | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$   | $\dashv$ |
| -  | 24       | ᆕ   | Н              |   | $\vdash$     | -            | ⊢            | ├        | ╁                  | $\vdash$     |            | 74       |                     | -+       | +                  | +-                      | +   |  | <del></del> | -        |          | 124        | -               | -        | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$   | $\dashv$ |
| -  | 25       | -   | Н              | _ |              | $\vdash$     | <del> </del> |          | <del> </del>       | -            |            | 75       |                     |          | +                  | +                       | +-  | $\vdash$   | +           | ┨Ш       | _        | 125        | $\vdash$        | +        | _        |          | -        | +        | $\dashv$ | -  | ┪        |
| <u> </u>   | 26       | H   | Н              |   | Н            | ╁            | _            |          | 一                  | -            |            | 76       | Н                   | $\dashv$ | +                  | +                       | 1   | $\vdash$   | +           | 1        |          | 126        | $\dashv$        | $\dashv$ | _        | $\dashv$ |          |          | -        | +  | ⊣        |
|  | 27       | H   |                |   |              |              |              | $\vdash$ | ╁                  | $\vdash$     |            | 77       |                     | $\vdash$ | +                  | $\top$                  | $\top$  | $\vdash$   | $\top$      | 1        |          | 127        | $\exists$       | $\dashv$ | _        | $\dashv$ | -        |          | 十        | +  | ┪        |
| _  | 28       |   | П              |   |              | _            |              |          | 一                  | $\vdash$     |            | 78       |                     | 十        | $\dashv$           | $\top$                  | Т   | $\vdash$   |             | 1        |          | 128        |                 | 十        | _        | 寸        | _        | -        | -†       |  | ヿ        |
|  | 29       |   |                |   | ┪            |              |              |          | Г                  |              |            | 79       | П                   | $\neg$   | ╅                  | 1                       | T   |  |             | 1        |          | 129        | $\dashv$        | 一        | _        | 寸        | _        | $\neg$   | _        | $\top$   | ٦        |
|  | 30       |   |                | _ | Г            |              | $\vdash$     | $\vdash$ | Г                  | Т            |            | 80       | П                   | 一        | $\top$             | 1                       | T   | H  |             | 1        |          | 130        | $\Box$          | ヿ        |          | 寸        | $\dashv$ | 寸        | _        | _  | ٦        |
|  | 31       | -   |                |   |              |              | $\vdash$     | $\vdash$ | Г                  |              |            | 81       |                     | $\neg$   | $\top$             | +                       | 1   | $\vdash$   | +           | 1        |          | 131        |                 | $\neg$   | 寸        | $\dashv$ | _        |          | $\dashv$ | _  | ٦        |
|  | 32       |   |                |   |              | _            |              |          |                    |              |            | 82       | Ħ                   |          | $\top$             | _                       | 1   |  | $\top$      | 7        |          | 132        |                 | T        | T        | 寸        | $\dashv$ | $\neg$   | 7        | 7  | ٦        |
|  | 33       |   |                |   |              |              | Г            | П        | П                  |              |            | 83       | $\Box$              | $\dashv$ | 十                  | $\top$                  | T   | $\sqcap$   | Т           | 1        |          | 133        |                 | $\neg$   |          | $\neg$   | $\neg$   | $\neg$   | $\neg$   | $\neg$   | ٦        |
|  | 34       |   |                |   |              |              |              |          |                    |              |            | 84       |                     |          |                    |                         |   |  |             | ]        |          | 134        |                 |          |          | $\Box$   |          |          |          |  |          |
|  | 35       |   |                |   |              |              |              | $\Box$   |                    |              |            | 85       |                     |          | ightharpoonup      | $\prod$                 |   |  |             | ]        |          | 135        |                 |          |          |          |          |          |          |  |          |
|  | 36       |   |                |   |              |              |              |          |                    |              |            | 86       |                     |          | $\Box$             | $\perp$                 |   |  |             |          |          | 136        |                 |          |          |          |          |          |          |  |          |
|  | 37       |   |                |   |              |              |              |          |                    |              |            | 87       |                     |          |                    | $oldsymbol{\mathbb{L}}$ |   |  | $\perp$     | ]        |          | 137        |                 |          |          |          |          |          | $\Box$   |  |          |
|  | 38       |   |                |   |              |              |              |          |                    |              |            | 88       |                     | $\Box$   | $\prod$            | $\perp$                 |   |  |             | ]        |          | 138        |                 | $\Box$   | $\Box$   | $\Box$   | $\Box$   |          | $\bot$   | $\perp \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$ | $\Box$   |
|  | 39       |   |                |   |              |              |              |          |                    |              |            | 89       |                     | $\Box$   | $oxed{\mathbb{L}}$ |                         |   |  |             |          |          | 139        | $\Box$          |          |          | $\perp$  | _[       |          |          |  | $\Box$   |
|  | 40       | $\Box$  | $\Box$         |   |              |              |              |          |                    |              |            | 90       |                     |          |                    | $\perp$                 |   |  |             |          |          | 140        | Ш               | _[       |          |          | $\perp$  |          | $\perp$  |  | ╛        |
|  | 41       | $ldsymbol{ld}}}}}}}}}$ |                |   |              |              |              |          |                    |              |            | 91       | oxdot               |          |                    | $\perp$                 |   |  | $\perp$     |          |          | 141        | Ш               | [        | $ \bot $ | _[       | $\perp$  | _        | _        | 1  | $\Box$   |
| 3  | 42       | Ħ   |                |   |              | $\Box$       |              |          | $oxedsymbol{oxed}$ |              |            | 92       | Ш                   |          |                    |                         | $oxed{\Box}$                                      |  |             | <b>J</b> |          | 142        | Ш               | $\perp$  | 4        | _        | _        | _        | 1        | _  | ╛        |
| 4<br>5<br>6                                      | 43       | =   |                |   |              |              | <u> </u>     | Ш        | _                  | L_           |            | 93       | Ш                   | _        |                    | 4                       |   | $\Box$   | $\perp$     | 4        |          | 143        | Ш               |          | _ļ.      |          | _        | _        | _        | $\perp$  | 4        |
| 5  | 44       | 11  | $\square$      | _ | <u> </u>     |              |              | Щ        |                    | <u> </u>     | <u> </u>   | 94       | Ш                   | _        | _ _                | _ _                     | $\perp$   | $\sqcup$   | _ _         | 4        |          | 144        | Ш               | _        | _        | _        | 4        | _        | 4        | _ _  | 4        |
| 6  | 45       | =   |                |   | <b> </b>     |              | L            |          |                    | L            | Щ.         | 95       | Ш                   | _        | 4                  | $\bot$                  | $\sqcup$  | $\sqcup$   | $\bot$      | 4        |          | 145        | $\sqcup$        | _        | -        | 4        | _        | _        | $\perp$  | _  | 4        |
|  | 46       | <u> </u>  | Ш              |   | <u> </u>     | <u> </u>     | $\vdash$     | Щ        | <u> </u>           | <u> </u>     | <u> </u>   | 96       | $\sqcup$            | 4        | _                  | 4                       | <del>   </del>                                    | <del>   </del>                                   | 4           | 4        |          | 146        | Ш               | _        | _        | -        | 4        | _        | -        | -  | 4        |
|  | 47       |   |                |   | Щ            |              | L            | Ш        | <u> </u>           | L-           |            | 97       | Щ                   | $\dashv$ | $\perp$            | $\bot$                  | $\perp$   | $\vdash$   | - -         | -        |          | 147        | Щ               |          | $\dashv$ | -        | 4        | _        | -        |  | 4        |
| <u> </u>   | 48       | Щ   | $\square$      |   | $\vdash$     | $oxed{oxed}$ | Ш            | Ш        |                    | Ш            |            | 98       | $\sqcup \downarrow$ | $\dashv$ | _                  | _                       | 1   | $\sqcup$   |             | 4        |          | 148        | $\sqcup$        | _        | $\dashv$ | -        | 4        | 4        | 4        | +  | 4        |
| <u> </u>   | 49       |   |                |   | <u> </u>     | <u> </u>     | Щ.           |          | _                  | _            |            | 99       | Щ                   | _        | 4                  | 4                       | <del>                                      </del> |  | 4-          | -        | <u></u>  | 149        | $\square$       | -        | _        | -        | -        | -        | -+       | 4  | 4        |
|  | 50       |   |                |   | $oxed{L}$    |              |              | لــــا   | l                  |              |            | 100      | LI                  | ]        | _ l                |                         | 1   | L_I  | . L         | ]:::::   |          | 150        |                 | L        |          |          | •        |          | $_{LL}$  |  | ╝        |